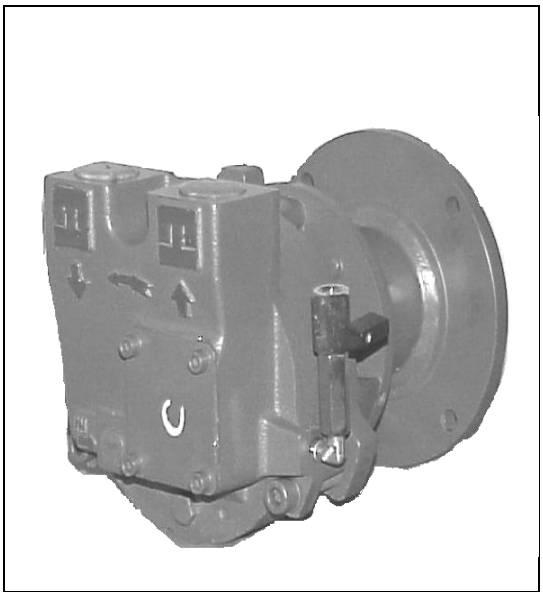
TRAVAINI PUMPS USA

TRVB 32-25

Single Stage Medium/High Vacuum Pumps

PERFOMANCE DATA	: From 30 Torr	CAPACITY: 4-16 cfm
FEATURES	: Single-stage rotating pump with electric motor ball bearings grease lubricated.	
SHAFT SEALING	: Mechanical seal	
OPTIONS	: Direct monoblock with electric motors.	



TECHNICAL DATA			
PUMP TYPE		**TRVB 32-25**	
Speed	RPM	2900	3500
Motor - installed power	HP	1	1.5
Average service liquid flow	GPM	1.0	1.0
Noise level at 60 Torr	dB(A)	69	69
Minimum suction pressure	Torr	30	30

Pumps are provided with threaded connections for service liquid, pump draining, anticavitation valve.
Pumps are also provided, by request, with flanged air-liquid separator tank, non return valve, ejector, vacuum relief valve, valve to control the flow of the liquid supply, vacuum gauges, pressure gauges and compound gauges. We can also provide information on our water sealed and oil sealed systems.
For more detailed information please contact our Sales Office.

Example for Model Designation	
T R M B 25 – 30 / GH	
T	Travaini Pump USA construction
R	Liquid Ring Pump
M	Single stage pump with valves for medium and high vacuum
B	Design number
32	Flange size (mm)
50	Nominal capacity (m^3/h)
GH	Materials of construction GH-A3 = See table

Standard Materials of Construction			
Part No.	**Description**	**GH**	**A3**
101	Discharge casing	Cast Iron	Stainless Steel AISI 316
120	Rear casing		
137.1	Port Plate		
210	Shaft	Stainless Steel AISI 420	
230	Impeller	Bronze	

Special Materials Available Upon Request

Indicative table: for further information please consult our Sales Office

DATA BASED ON :

DRY AIR AT 68 °F – 20 °C ——————

SATURATED AIR AT 68 °F – 20 °C - - - - - - - - - - - -

SERVICE LIQUID WATER

SERVICE LIQUID TEMPERATURE 59 °F – 15 °C

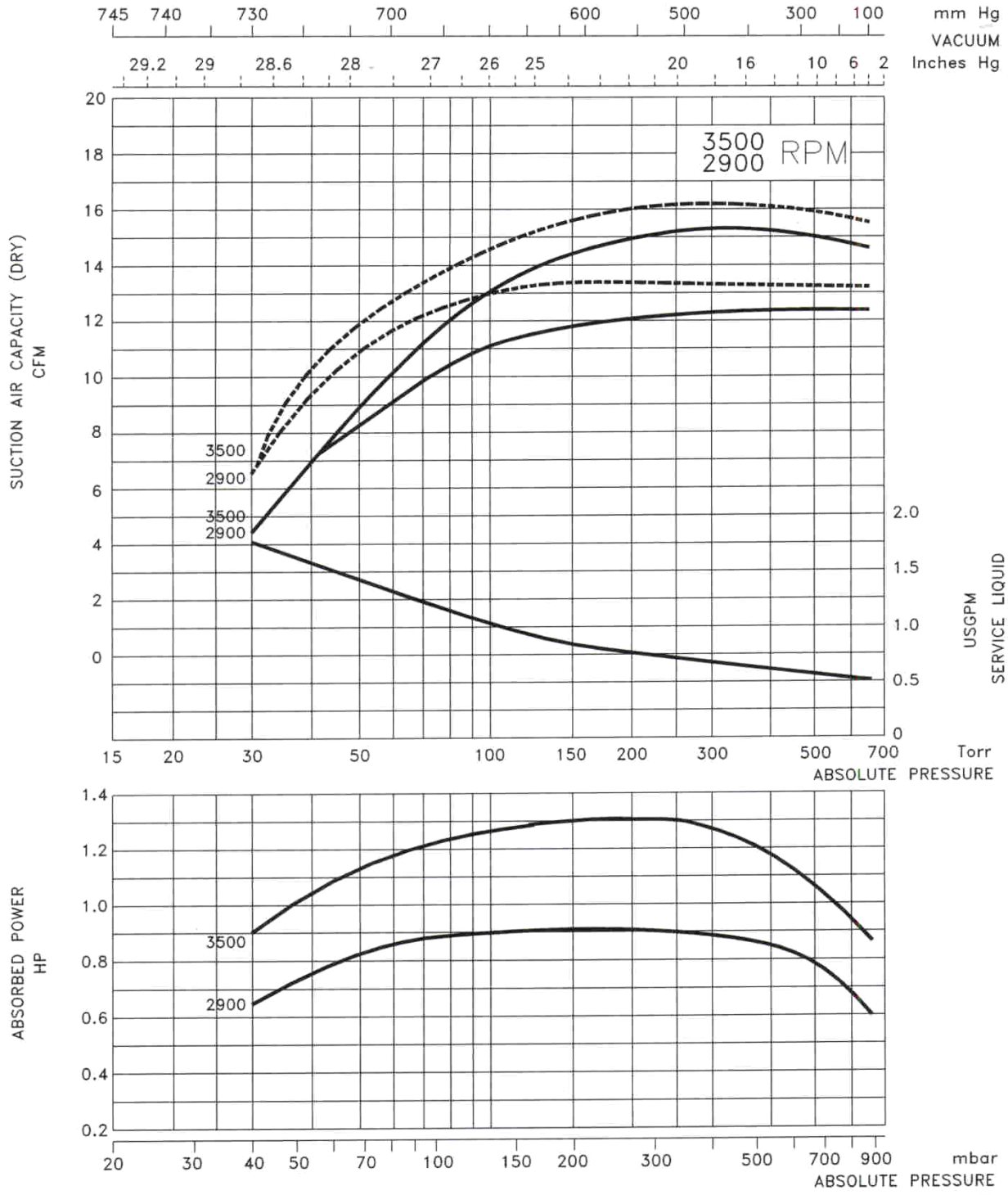
DISCHARGE PRESSURE 1013 mbar

S.S. PUMPS
CAPACITY : –10%

Tol.: 10%

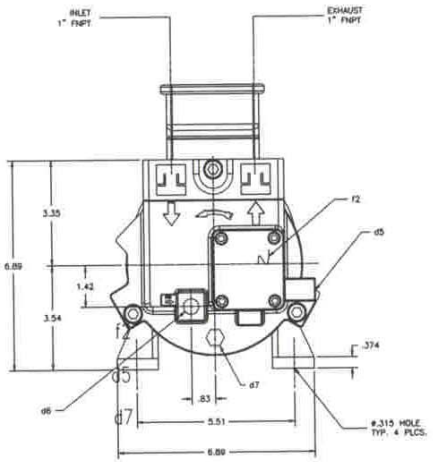
PERFORMANCE DATA
LIQUID RING VACUUM PUMP
PUMP MODEL

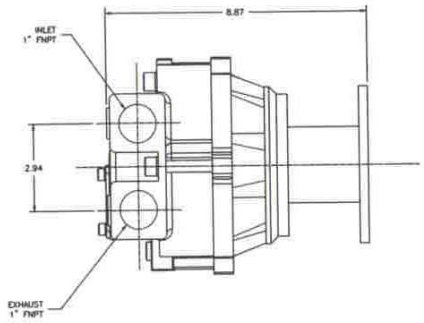
TRVB 32–25

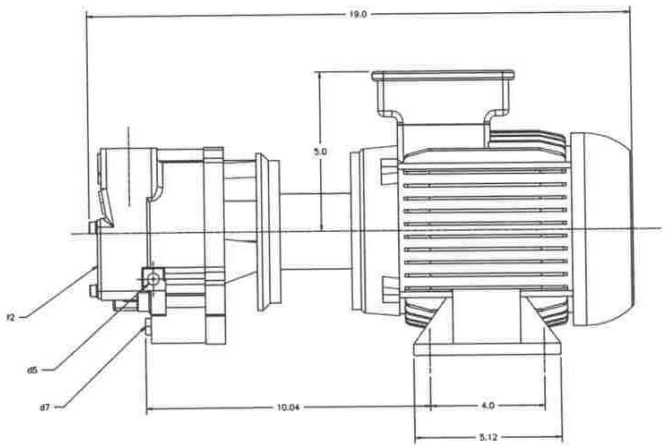


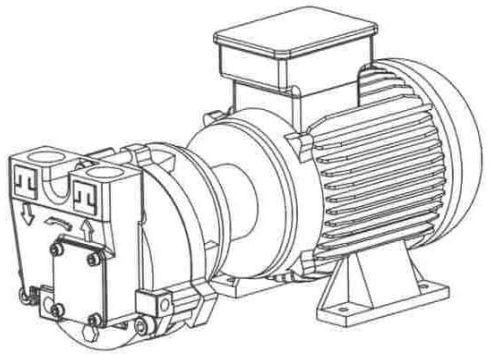
TRAVAINI PUMPS USA
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

DATE : APRIL 97









d5 = ø1/8" FNPT Anticavitaion valve connection
d6 = ø1/4" FNPT Liquid supply inlet connection
d7 = ø1/8" FNPT Drain connection
f2 = Vacuum valve inspection opening

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TOLERANCES
DECIMAL ± .0625"
FRACTIONAL ± 1/8"
ANGULAR ± 0° 30' 00"
UNLESS OTHERWISE SPECIFIED IN DRAWING

S/N NO.	VARIOUS		
PART NO.	N/A		
DWG BY: X	CHK BY: X	DATE X/X/X	
APPROVED BY:	SCALE 1 = 8		

TRAVAINI PUMPS USA
Liquid Ring & Rotary Vane Vacuum Pumps and Systems

DESCRIPTION: TRAVAINI LIQUID RING PUMP
TRVB32-25 MOTOR NEMA 143TC/145TC

MODEL NO.	DWG NO.	REV
N/A	–	—

REV	DESCRIPTION	DATE	APPR
REVISIONS			